

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/089,641  
Source: 1fw/16  
Date Processed by STIC: 5/24/06

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IFW16

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION:** US/10/089,641

**DATE:** 05/24/2006  
**TIME:** 09:59:17

**Input Set :** F:\00746354.TXT  
**Output Set:** N:\CRF4\05242006\J089641.raw

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3 <110> APPLICANT: Kim, Dar-Gun
4     Cho, Won-Kyung
5     Jung, Neon-Cheol
6     Seong, Young-Rim
7     Im, Dong-Soo
8     Hong, Seung-Suh
9     Lee, Hyun-Soo
11 <120> TITLE OF INVENTION: EXPRESSION VECTOR CODING P972-GENE FOR CANCER THERAPY AND
12     ADENOVIRUS PRODUCING THE SAME
14 <130> FILE REFERENCE: 06181/000K439-US0
16 <140> CURRENT APPLICATION NUMBER: 10/089,641
17 <141> CURRENT FILING DATE: 2002-05-03
19 <150> PRIOR APPLICATION NUMBER: PCT/KR01/01295
20 <151> PRIOR FILING DATE: 2001-07-30
22 <150> PRIOR APPLICATION NUMBER: KR 2000/44142
23 <151> PRIOR FILING DATE: 2000-07-31
25 <160> NUMBER OF SEQ ID NOS: 2
27 <170> SOFTWARE: PatentIn version 3.3
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 551
31 <212> TYPE: DNA
32 <213> ORGANISM: Homo sapiens
34 <400> SEQUENCE: 1
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39 cagggtgtcc tcactgccgg cgtctacgag tcagccaaag tcttgaacgt ggaccccgac      180
41 aatgtgacct tctgtgtgct ggctgccccgt gaggaggacg agggcgacat cgccgtgcag      240
43 atccatttta cgctgatcca ggctttctgc tgcgagaacg acatcgacat agtgcgcgtg      300
45 ggcgatgtgc agcggctggc ggctatcggt ggcgcggcgg aggaggcggt tgccggggc      360
47 gacctgcact gcatttcat ttcaaaaaaaa aacgaggacg ccttggaaaggat tcccgccctg      420
49 gagaagctca gcctgttttgc cgaggagacg cgcacgttta acgactgggt gcccagcatc      480
51 accctccccg agtgcacagcc cggcgccggac cttggctgtca tcgacgtgggt gacccccgg      540
53 gggcttagag c                                         551
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 159
58 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 2
63 Met Thr Leu Glu Glu Val Arg Gly Gln Asp Thr Val Pro Glu Ser Thr
64 1             5                 10                15
67 Ala Arg Met Gln Gly Ala Gly Lys Ala Leu His Glu Leu Leu Ser
68             20                25                30
71 Ala Gln Arg Gln Gly Cys Leu Thr Ala Gly Val Tyr Glu Ser Ala Lys

```

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|     |                                                                 |     |     |    |
|-----|-----------------------------------------------------------------|-----|-----|----|
| 72  | 35                                                              | 40  | 45  |    |
| 75  | Val Leu Asn Val Asp Pro Asp Asn Val Thr Phe Cys Val Leu Ala Ala |     |     |    |
| 76  | 50                                                              | 55  | 60  |    |
| 79  | Gly Glu Asp Glu Gly Asp Ile Ala Leu Gln Ile His Phe Thr Leu     |     |     |    |
| 80  | 65                                                              | 70  | 75  | 80 |
| 83  | Ile Gln Ala Phe Cys Cys Glu Asn Asp Ile Asp Ile Val Arg Val Gly |     |     |    |
| 84  | 85                                                              | 90  | 95  |    |
| 87  | Asp Val Gln Arg Leu Ala Ala Ile Val Gly Ala Gly Glu Ala Gly     |     |     |    |
| 88  | 100                                                             | 105 | 110 |    |
| 91  | Ala Pro Gly Asp Leu His Cys Ile Leu Ile Ser Asn Pro Asn Glu Asp |     |     |    |
| 92  | 115                                                             | 120 | 125 |    |
| 95  | Ala Trp Lys Asp Pro Ala Leu Glu Lys Leu Ser Leu Phe Cys Glu Glu |     |     |    |
| 96  | 130                                                             | 135 | 140 |    |
| 99  | Ser Arg Ser Val Asn Asp Trp Val Pro Ser Ile Thr Leu Pro Glu     |     |     |    |
| 100 | 145                                                             | 150 | 155 |    |

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/089,641

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